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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.  | CONFIRMATION NO. |
|---|-------------|----------------------|----------------------|------------------|
| 10/720,228  | 11/25/2003  | Dall-Hee Jung        | P24462               | 4345             |
| 7055  | 7590        | 09/23/2005           | EXAMINER             |                  |
| GREENBLUM & BERNSTEIN, P.L.C.<br>1950 ROLAND CLARKE PLACE<br>RESTON, VA 20191 |             |                      | WEBB, TIFFANY LOUISE |                  |
|   |             |                      | ART UNIT             | PAPER NUMBER     |
|   |             |                      | 3616                 |                  |

DATE MAILED: 09/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

|                 |                |  |
|-----------------|----------------|--|
| Application No. | JUNG, DALL-HEE |  |
| Examiner        | Art Unit       |  |
| Tiffany Webb    | 3616           |  |

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 19 September 2005.  
2a) This action is FINAL.                            2b) This action is non-final.  
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-6 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) Claim(s) 1-6 is/are allowed.  
6) Claim(s) \_\_\_\_\_ is/are rejected.  
7) Claim(s) \_\_\_\_\_ is/are objected to.  
8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.  
10) The drawing(s) filed on 25 November 2003 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All    b) Some \* c) None of:  
1. Certified copies of the priority documents have been received.  
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) Notice of References Cited (PTO-892)  
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 3/1/2004.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) Notice of Informal Patent Application (PTO-152)  
6) Other: \_\_\_\_\_.

## DETAILED ACTION

1. This application is in condition for allowance except for the following formal matters:

See the following paragraphs.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

### *Drawings*

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character "100" has been used to designate both a strut and a strut mount. Reference character "110" has been used to designate both an insulator and a fastener. Also, reference character "200" has been used to designate both an unknown part on the prior art in Figures 1a and 1b and a mounting bracket in the current invention. The examiner suggests changing the reference characters for "100," "110," and "200" to other reference characters. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be

notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: 410. The detailed description states that reference character "410" is in Figures 2 and 3 (page 7, lines 7-10). Also, reference characters 111, 112, and 113 for mounting bolts are not in Figure 2, in which the detailed description describes their location (page 8, lines 1-2). A copy of marked up drawings with examiner suggestions is included. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Specification***

4. The abstract of the disclosure is objected to because the wording of "An insertion hole of a connector is eccentrically drilled." Correction is required. See MPEP § 608.01(b). The examiner suggests changing sentence to "A connector has an insertion whole which is eccentrically drilled on a connector."

5. The disclosure is objected to because of the following informalities:
  - a. Page 2, Line 3: "a caster" should be changed to "caster"
  - b. Page 2, Line 3: "one of wheel alignment factors" should be changed to "a wheel alignment factor"
  - c. Page 2, Lines 8-9: "thus a distance of a tow controlled by a tie rod is changed" should be "thus a distance of tow controlled by a tie rod is changed."
  - d. Page 8, Lines 1-2: Reference characters 111, 112, and 113 are not shown in Figure 2. Delete the phrase shown in Figure 2 or add reference characters 111, 112, and 113 to Figure 2.
  - e. Page 8, Lines 13-14: Reference character 310a is used to describe the ball joint assembly and the ball stud. According to the drawing, the ball joint assembly is 310b.

Appropriate correction is required.

#### ***Claim Objections***

6. Claims 3, 4, 5, and 6 are objected to because of the following informalities: In claims 3, 4, 5, and 6, "the bracket" in line 2, first occurrence, should be changed to "a bracket."

#### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following are front suspensions including struts and steering knuckles with ball joints: Annequin et al. (US 6,367,830), Kawabe et al. (US 6,116,627),

Kozyra et al. (US 5,120,150), and Hagemes et al. (US 6,739,788). The following are caster adjustment devices: Schmus et al. (US 6,485,223), McIntyre (US 6,431,565), Spears et al. (US 6,293,724), and Klais (US 6,457,728). The following are mounting structures on the frame of a vehicle: Bonnville (US 5,915,727) and Ban et al. (US 5,169,171).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tiffany Webb whose telephone number is 571-272-2797. The examiner can normally be reached on 8-4:30 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Dickson can be reached on 571-272-6669. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



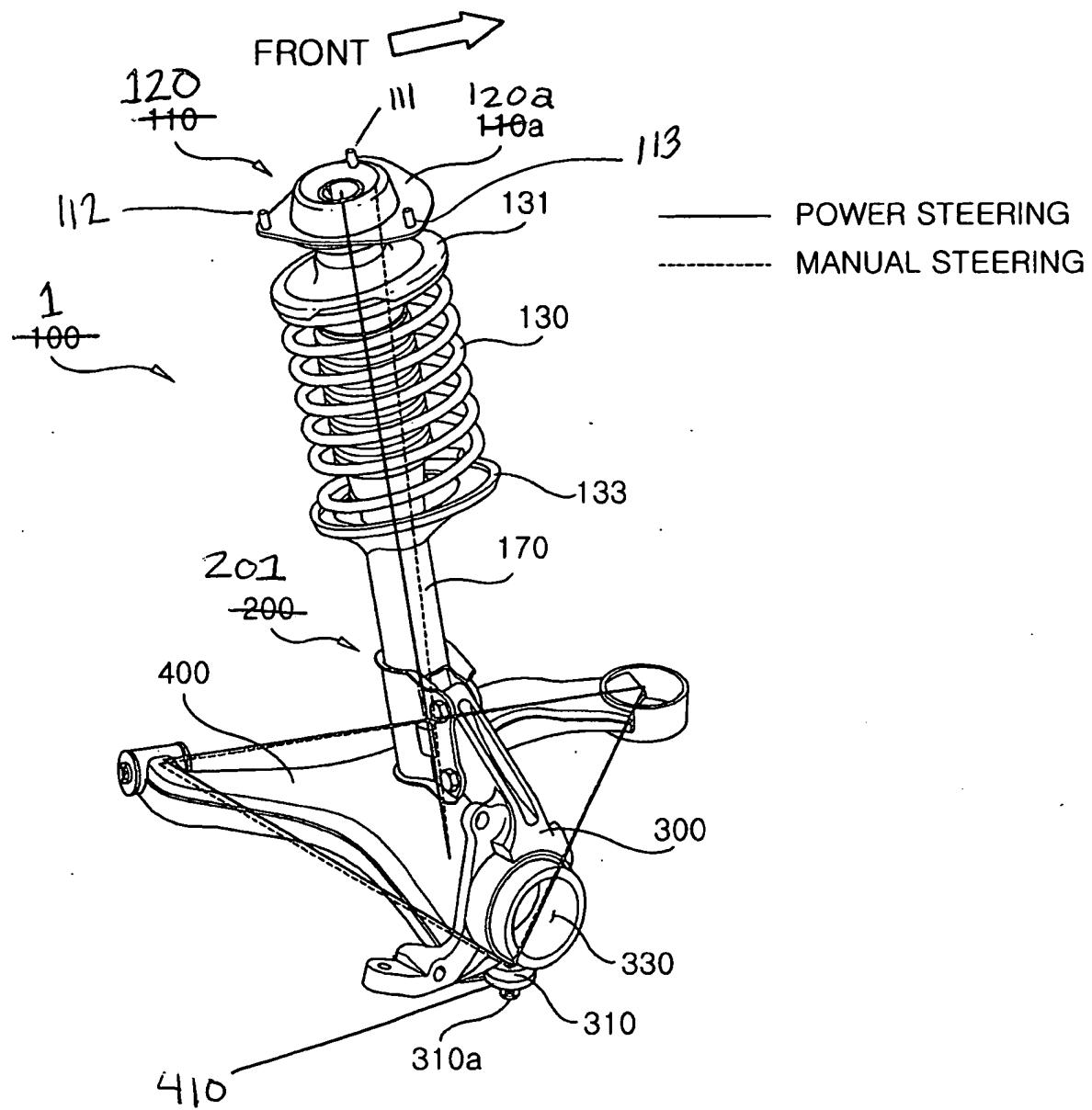
Tiffany Webb  
Examiner  
Art Unit 3616

tlw



PAUL N. DICKSON  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

[FIG. 2]



[FIG. 3]

